Cisco 360 Learning Program for CCIE Voice Advanced Workshop 1

CIEV1

Delivery Type: Classroom
Duration: 5 days

Overview

Cisco 360 CCIE® Voice Advanced Workshop 1 teaches students how to use an expert-level problem-solving process, including options analysis, to support complex Cisco Unified Communications technologies and topologies. This course is approx 60 percent hands-on labs with the remaining 40% consisting of theory, including two 8-hour Performance Assessment Labs.

This course is part of a blended learning curriculum designed to build expert-level skills, that not only result in a passing CCIE exam score but that develop the expertise required by organisations today. Further details of this program can be found at Cisco 360 Learning Program for CCIE Voice

Delegates must bring their own laptops with them as the coursware will be provided electronically

Target Audience

This course is for technical professionals who are in the initial stages of their preparation for the Cisco CCIE Voice Lab Exam. For those delegates that are following the complete CCIE 360 for Voice program, it is recommended that this course is taken after you have completed phase one of the program.

Pre-Requisites
Delegates should meet the following prerequisites :

Have Passed the CCIE written voice exam
Able to demonstrate advanced level competencies both inknowledge and skills in the following areas:

- ✓ Cisco Unified Communications Manager Express and Cisco Unity Express skills IIUC2
- ✓ Telephony and dial plan design skills UCAD
- ✓ Cisco Unified Communications Manager configuration skills CIPT1V8 andCIPT2V8
- ✓ Cisco gateway configuration skills CVOICE
- ✓ Cisco Unified Communications troubleshooting skills TUC
- ✓ QoS configuration skills QoS
- ✓ Cisco Unity Connection configuration skills IUC
- ✓ Cisco Contact Center configuration skills UCCXD
- ✓ Cisco Unified Presence Server configuration skills PRSDI

Objectives

After completing this program, you will be able to:

- ✓ Describe the Cisco 360 CCIE Voice blended learning approach, and explain how it addresses expert-level voice issues
- ✓ Resolve expert-level core task analysis and configuration, including campus infrastructure, device configuration, and Cisco Unified Communications Manager implementation
- ✓ Resolve CCIE-level dial plan task analysis and configuration issues
- ✓ Resolve CCIE-level media resource task analysis and configuration issues
- ✓ Resolve CCIE-level QoS task analysis and configuration issues
- ✓ Resolve CCIE-level voice-application task analysis and configuration issues

Certification

Recommended as preparation for :

The Cisco CCIE Voice Practical Exam.

The CCIE Voice lab exam is an eight-hour, hands-on exam which requires you to configure a Cisco enterprise voice solution over an IP network. Although basic network connectivity is provided, you will be responsible for configuring the pre-installed applications to satisfy the requirements of the lab, and to troubleshoot important parameters of a voice network, such as quality of service, VLANs, gateways and gatekeepers. Point values and testing criteria are provided.

Follow on Courses

The following courses are recommended for further study:

- ✓ CIEV2 CIEV2 - CCIE 360 Voice Advanced Workshop 2
- ✓ CCIE 360 Voice Mentoring Services